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PATENT TRADEMARK OFFICE

IN THE UNITED STATES-PATENT AND TRADEMARK OFFICE

Applicant(s): Michael Malcolm, et al.	
Serial No.: 09/093,533	
Filed: June 8, 1998	Group Art Unit: 2756
Title: Network Object Cache Engine	Examiner: Wang, M.
Attorney Docket No.: CASH-001	

#1/8

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☒ under 37 CFR 1.97(c) together with either a:
 - ☐ Certification under 37 CFR 1.97(e), or
 - ☒ a \$240.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
 - ☐ Certification under 37 CFR 1.97(e), and
 - ☐ a petition under 37 CFR 1.97(d)(2)(ii), and
 - ☐ a \$130.00 petition fee set forth in 37 CFR 1.17(i)(1).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

☒ Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware.

Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit:

8/23/00

Typed Name: Roberta D. Roberts

Signature:

Roberta D. Roberts

John C. Merchant

John C. Merchant

Attorney/Agent for Applicant(s)

Reg. No. 45,996

Date:

Telephone No.: 650-947-0700

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	A	5,826,253	Oct. 20, 1998	Bredenberg	707	2
	B	6,012,085	Jan. 4, 2000	Yohe, et al.	709	217
	C	5,781,785	July 14, 1998	Rowe, et al.	395	774
	D	6,014,671	Jan. 11, 2000	Castelli, et al.	707	101
	E	5,596,774	Jan. 21, 1997	Dao, et al.	395	610
	F	5,918,013	June 29, 1999	Mighdoll, et al.	395	200.47
	G	5,787,470	July 28, 1998	DeSimone, et al.	711	124
	J	5,802,292	Sept. 1, 1998	Mogul	395	200.33
	K	6,026,474	Feb. 15, 2000	Carter, et al.	711	202
	L	6,016,512	Jan. 18, 2000	Huitema	709	245
	M	5,822,539	Oct. 13, 1998	Van Hoff	395	200.66
	N	5,931,904	Aug. 3, 1999	Banga, et al.	709	217
	O	5,933,849	Aug. 3, 199	Dutta, et al.	711	118

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	TRANSLATION	
								YES	NO

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

		Zheng Wang & Jon Crowcroft, "Prefetching In World Wide Web", Department of Computer Science, University College London WC1E 6BT, United Kingdom, 1996.
		Ken-ichi Chinen, et al., "An Interactive Prefetching Proxy Server For Improvement Of WWW Latency", Nara Institute Of Science And Technology, Japan.
		Alonso, et al, "Dynamic Hierarchical Caching In Large-Scale Distributed File Systems", Department Of Computer Science, Princeton University, Princeton, NJ, 1992
EXAMINER		DATE CONSIDERED

FORM PTO-1449

ATTY. DOCKET NO. CASH-001

L NO. 09/093,533

APPLICANT Michael Malcolm, et al.

FILING DATE June 8, 1998

GROUP	2756
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REFERENCE DESIGNATION	U.S. PATENT DOCUMENTS
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[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

		Azer Bestavros, "WWW Traffic Reduction And Load Balancing Through Server-Based Caching", Boston University, 1997.
EXAMINER	DATE CONSIDERED	